

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|------------------|
| 9 | 7143 | ((257/757) or (257/773) or (257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (438/688) or (438/643) or (438/648) or (257/757) or (257/758) or (257/765) or (257/771)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/27 10:38 |
| 10 | 3586 | ((257/757) or (257/773) or (257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (438/688) or (438/643) or (438/648) or (257/757) or (257/758) or (257/765) or (257/771)).CCLS.) and 'aluminum' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/27 10:52 |
| 11 | 1 | | USPAT; US-PGPUB | 2002/11/27 10:51 |
| 12 | 762 | ((257/757) or (257/773) or (257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (438/688) or (438/643) or (438/648) or (257/757) or (257/758) or (257/765) or (257/771)).CCLS.) and 'aluminum') and 'crystal' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/27 10:52 |
| 13 | 128 | ((257/757) or (257/773) or (257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (438/688) or (438/643) or (438/648) or (257/757) or (257/758) or (257/765) or (257/771)).CCLS.) and 'aluminum') and 'crystal' same 'boundary' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/27 10:53 |
| - | 2 | ("6214723").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 08:03 |
| - | 1 | "5270255".PN. | USPAT | 2002/07/18 07:59 |
| - | 1 | "5459353".PN. | USPAT | 2002/07/18 07:59 |
| - | 1 | "5844318".PN. | USPAT | 2002/07/18 08:01 |
| - | 1 | "5278449".PN. | USPAT | 2002/07/18 08:01 |
| - | 1 | "5341026".PN. | USPAT | 2002/07/18 08:02 |
| - | 1 | "5567987".PN. | USPAT | 2002/07/18 08:02 |
| - | 1 | "5459353".PN. | USPAT | 2002/07/18 08:02 |
| - | 1 | "5523259".PN. | USPAT | 2002/07/18 08:02 |
| - | 1 | "5572072".PN. | USPAT | 2002/07/18 08:02 |
| - | 1 | "5844318".PN. | USPAT | 2002/07/18 08:02 |
| - | 0 | @ad<=19990908 and 'conductive layer' with 'Aluminum' with 'recess' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 08:34 |
| - | 4 | @ad<=19990908 and 'conductive layer' with 'Al' with 'recess' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 08:06 |
| - | 51 | @ad<=19990908 and 'conductive layer' with 'crystal grain' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 09:48 |
| - | 1 | "4639277".PN. | USPAT | 2002/07/18 08:23 |
| - | 1 | "4693759".PN. | USPAT | 2002/07/18 08:23 |
| - | 1 | "4837183".PN. | USPAT | 2002/07/18 08:23 |
| - | 1 | "5028550".PN. | USPAT | 2002/07/18 08:23 |
| - | 1 | "5084403".PN. | USPAT | 2002/07/18 08:23 |
| - | 1 | "5084403".PN. | USPAT | 2002/07/18 08:23 |
| - | 1 | "4566175".PN. | USPAT | 2002/07/18 08:24 |
| - | 1 | "4613956".PN. | USPAT | 2002/07/18 08:25 |
| - | 1 | "4613956".PN. | USPAT | 2002/07/18 08:25 |
| - | 1 | "4613956".PN. | USPAT | 2002/07/18 08:26 |
| - | 1 | "5256894".PN. | USPAT | 2002/07/18 08:26 |
| - | 1 | "4613956".PN. | USPAT | 2002/07/18 08:26 |

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|---|------|--|---|------------------|
| - | 494 | @ad<=19990908 and (257/755).ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 08:37 |
| - | 292 | @ad<=19990908 and 'low temperature' near 'aluminum' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 08:41 |
| - | 1357 | @ad<=19990908 and 'interconnection' near 'aluminum' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 08:43 |
| - | 110 | (@ad<=19990908 and 'interconnection' near 'aluminum') and 'low temperature' and 'high temperature' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 09:20 |
| - | 10 | @ad<=19990908 and 'low temperature aluminum' and 'high temperature aluminum' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 09:23 |
| - | 1333 | @ad<=19990908 and (257/773).ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 10:22 |
| - | 3 | @ad<=19990908 and 'conductive layer' with 'polycrystal grain' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/26 15:59 |
| - | 12 | @ad<=19990908 and 'conductive layer' with 'crystal grain boundary' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 11:59 |
| - | 3429 | ((257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (257/771)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/27 10:35 |
| - | 1489 | ((((257/736) or (257/741) or (257/750) or (257/758) or (257/765) or (257/771)).CCLS.) and @ad<=19990908 and 'aluminum' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/27 10:35 |
| - | 30 | @ad<=19990908 and 'polycrystal' near 'aluminum' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 12:01 |
| - | 323 | @ad<=19990908 and 'polycrystal' with 'aluminum' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/07/18 12:01 |
| - | 1 | "5270255".PN. | USPAT | 2002/11/26 15:25 |
| - | 1 | "5270255".PN. | USPAT | 2002/11/26 15:25 |
| - | 1 | "5459353".PN. | USPAT | 2002/11/26 15:25 |
| - | 1 | "5523259".PN. | USPAT | 2002/11/26 15:25 |
| - | 1 | "5844318".PN. | USPAT | 2002/11/26 15:26 |
| - | 2 | @ad<=19990908 and 'conductive layer' same 'recess' same 'crystal grain' | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/26 16:00 |